**Career Academy Integrated Unit Plan**

**Academy Name:** Academy of Communications and Multimedia Technology

Academy of Design and Manufacturing Technology **School:** Mainland High School

**Date Created:** June 8, 2011 **Created by:** Janice Wilson, Cliff Scarborough, Al Kelleher

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| Integrated Unit Plan Title: Gifted Hands |
| Courses to integrate:ADMT, ACMT, and English III |
| Grade Level: 11 |
| Timeline & Duration: 4-5 Weeks |

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| Unit Summary: Students will produce a media safety packet about playground safety . Students will recreate Pastor Ford’s story of the dilemma of the missionary and his wife by either video or live performance. Students will present the story in a way that will capture a child’s imagination as it did the author’s. |

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| **Overview of Activities/Lessons per Course** | | | | |
| Course | English III | ACMT | ENGLISH/ADMT/ACMT | ADMT |
| Activity/Lesson | Read, analyze, and discuss major components of the non-fiction novel *Gifted Hands* | Produce a media safety packet about playground safety, providing statistics and safety tips. | Write a report, design a model, and/or create a video of a brain that has undergone a hemispherectomy or craniectomy. | Design a piece of playground equipment using media packet from ACMT as a guide on their design. |
| Activity/Lesson | Students will learn the components of making an oral presentation. | Students will present a video or live performance of the missionary “chase” scene from the novel . |  | Enrichment: Build scale model of playground. |

**Lesson Instructions for English III (course):**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ):**  **Rigor & Relevance (quadrant):** LA 1112.2.1.2; LA 1112.2.1.4; LA 1112.2.1.8; LA.C.3.4; LA.B.2.4; LA.B.1.4 |
| **Instructions to Teacher:** Teacher will introduce the novel with an overview of the author (Ben Carson) and the era (1970’s). |
| **Instructions to Students:** Students will read the novel over a 4 – 5 week timeframe and demonstrate competency of the literary elements as well as the thematic dynamics and overview of the characteristics/attributes of the era (70’s, music, fashion, television, values, race, customs/trends, religion, and people) |
| **Instructions for Student Accommodations:** Students in need of accommodations will be given extra time to complete assignments and/or will be coupled with a Support Facilitator who will provide additional accommodations including alternate assessment/s. |
| **Assessment for Activity:** Assessments will include quizzes, tests (open and closed book), and project activities |
| **Approximate Length of Time for Activity:** 4 - 5 weeks |
| **Materials Needed:** A jump drive will be needed to save any work associated with this module. |
| **Resources Needed:** The novel *Gifted Hands,* teacher-made and supplemental background and integrated handouts, teacher-generated and internet quizzes and tests; internet access |
| Attachments: |

**Lesson Instructions for Television Production 3 (course):**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ):** 20.01, 20.02, 20.03, 20.04, 20.05, 20.06, 20.07  **Rigor & Relevance (quadrant):** ALL |
| **Instructions to Teacher:** Oversee production of a playground safety video. |
| **Instructions to Students:** Produce a PSA video for playground safety |
| **Instructions for Student Accommodations:** Pair with students who can assist |
| **Assessment for Activity:** Standard Video Project Rubric |
| **Approximate Length of Time for Activity:** 4 weeks |
| **Materials Needed:** Video Cameras, editing |
| **Resources Needed:** Final Cut Pro |
| Attachments: None |

**Lesson Instructions for Digital Design 3 (course):**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ): 34.02, 34.03, 34.04, 15.01, 15.03**  **Rigor & Relevance (quadrant): ALL** |
| **Instructions to Teacher:** Students will produce graphics for poster for Playground Safety |
| **Instructions to Students:** Produce a PSA poster for playground safety that would be displayed in bus stops and other public places. |
| **Instructions for Student Accommodations:** Pairing with other students, extended time. |
| **Assessment for Activity:** Standard poster grading rubric |
| **Approximate Length of Time for Activity:** 4 weeks |
| **Materials Needed: Computers, poster printer** |
| **Resources Needed: Adobe Illustrator** |
| Attachments: None |

**Lesson Instructions for Networking 3 (course):**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ):** 56.01, 56.02, 58.01, 58.02  **Rigor & Relevance (quadrant): ALL** |
| **Instructions to Teacher:** Students will create and maintain servers and network systems for the playground PSA project. |
| **Instructions to Students:** Setup and maintain the the playground safety web presence. |
| **Instructions for Student Accommodations:** Pairing with other students, extended time. |
| **Assessment for Activity:** Standard poster grading rubric |
| **Approximate Length of Time for Activity:** 4 weeks |
| **Materials Needed:** Computers, servers, networking |
| **Resources Needed:** Microsoft Server 2003 |
| Attachments: None |

**Lesson Instructions for Web Design 2: (course):**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ):** 39.01, 39.05, 40.01, 41.01  **Rigor & Relevance (quadrant): ALL** |
| **Instructions to Teacher:** Students will create and maintain web site for the playground PSA project. |
| **Instructions to Students:** Create the playground safety web site. |
| **Instructions for Student Accommodations:** Pairing with other students, extended time. |
| **Assessment for Activity:** Standard poster grading rubric |
| **Approximate Length of Time for Activity:** 4 weeks |
| **Materials Needed: Computers, servers** |
| **Resources Needed: Adobe Dreamweaver** |
| Attachments: None |

**Lesson Instructions for Drafting/ Illustrative Design III**

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| **Standards (Performance Tasks or Course Frameworks or Sunshine State Standards ):02.01-04, 04.02, 06.01-04**  **Rigor & Relevance (quadrant): D** |
| **Instructions to Teacher:** Provide student copy of ACMT packet. Review playground situation as it occurred in “Gifted Hands” |
| **Instructions to Students:**  Students will use ACMT safety packet guide as a constraint for design of a “safety first” piece of playground equipment. |
| **Instructions for Student Accommodations:** Pairing with other students, extended time. |
| **Assessment for Activity:** Standard design/Power Point grading rubric |
| **Approximate Length of Time for Activity:** 4 weeks |
| **Materials Needed: Computers, engineering notebook.** |
| **Resources Needed: AutoCAD, Plotter, Internet access.** |
| Attachments: None |